

186498

# SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

Rev. 1/26/2006 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 4/20/06 Serial # 10/804,737 Priority Application Date 3/18/04

Your Name M. Lewis Examiner # \_\_\_\_\_

AU 2522 Phone 202-4838 Room 5A30

In what format would you like your results? Paper is the default. PAPER DISK EMAIL

If submitting more than one search request form, please prioritize the searches in order of need.

Where have you searched so far on this case?

Circle: USPT DWPI EPO Abs JPO Abs IBM TDB

Other: \_\_\_\_\_

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.

What types of references would you like? Please checkmark:

Primary Refs ☒ Nonpatent Literature ☐ Teaching Refs ☐  
Secondary Refs ☐ Foreign Patents ☐ Other ☐

Is this a "Fast & Focused Search" request? (Circle One) YES NO

A "Fast & Focused Search" is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at <http://uspto-a-patr-2/siraapps/stic/npl/nplsearch.htm>

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 1-20

Active/Passive Substrate

Problem: See page 4 lines 3-13

Solution: " " 5+6

Provide a module with discrete components that is not bulky.

US 6,642,617 152005/0218509

## Staff Use Only

Searcher: M. Mims

Searcher Phone: 25928

Searcher Location: STIC-EIC2800, JEF-4B68

Date Searcher Picked Up: 4/26/06

Date Completed: 4/27/06

Searcher Prep/Rev Time: 300

Online Time: 30

## Type of Search

Structure (#) \_\_\_\_\_

Bibliographic ☒

Litigation \_\_\_\_\_

Fulltext \_\_\_\_\_

Patent Family \_\_\_\_\_

Other \_\_\_\_\_

## Vendors

STN ☒

Dialog \_\_\_\_\_

Questel/Orbit \_\_\_\_\_

Lexis-Nexis \_\_\_\_\_

WWW/Internet \_\_\_\_\_

Other \_\_\_\_\_

04/27/2006 10/804,737 Lewis

=> d his full

(FILE 'HOME' ENTERED AT 10:24:38 ON 27 APR 2006)

FILE 'WPIX' ENTERED AT 10:25:40 ON 27 APR 2006

L1 1 SEA ABB=ON PLU=ON US20050205986/PN  
L2 588407 SEA ABB=ON PLU=ON DIODE OR MOS OR MOSGATE? OR MOSFET OR IGBT  
OR THYRISTORS OR TRANSISTOR OR PMOS OR FET OR CMOS OR METAL  
OXIDE SEMICONDUCT? OR NMOS OR IC  
L3 367897 SEA ABB=ON PLU=ON INDUCTOR OR CAPACITOR OR RESISTOR OR  
STORAGE (2W) (CELL OR AREA OR REGION)  
L4 15735 SEA ABB=ON PLU=ON (PAD OR WIRE) (2W) BOND?  
L5 5036 SEA ABB=ON PLU=ON ACTIVE (3W) SUBSTRATE  
L6 231 SEA ABB=ON PLU=ON PASSIVE (3W) SUBSTRATE  
L7 2 SEA ABB=ON PLU=ON L2 AND L3 AND L4 AND L5 AND L6  
L8 1 SEA ABB=ON PLU=ON L7 NOT L1  
D IFULL  
L9 3 SEA ABB=ON PLU=ON L2 AND L3 AND L4 AND L5  
L10 1 SEA ABB=ON PLU=ON L9 NOT L7  
D IFULL  
L11 213881 SEA ABB=ON PLU=ON MODULE OR DIE (3W) PAD  
L12 32 SEA ABB=ON PLU=ON L2 AND L3 AND L4 AND L11  
L13 30 SEA ABB=ON PLU=ON L12 NOT (L7 OR L9)  
D IALL 1-30

FILE 'CAPLUS' ENTERED AT 10:37:43 ON 27 APR 2006

L14 0 SEA ABB=ON PLU=ON L2 AND L3 AND L4 AND L5 AND L6  
L15 0 SEA ABB=ON PLU=ON L2 AND L3 AND L4 AND L5  
L16 7 SEA ABB=ON PLU=ON L2 AND L3 AND L4 AND L11  
L17 7 SEA ABB=ON PLU=ON L16 NOT L1  
D IBIB ABS 1-7

FILE 'INSPEC, COMPENDEX' ENTERED AT 10:39:42 ON 27 APR 2006

L18 0 SEA ABB=ON PLU=ON L7  
L19 0 SEA ABB=ON PLU=ON L9  
L20 34 SEA ABB=ON PLU=ON L12  
D IALL 1-34

FILE 'JAPIO, KOREAPAT' ENTERED AT 10:41:47 ON 27 APR 2006

L21 0 SEA ABB=ON PLU=ON L7  
L22 0 SEA ABB=ON PLU=ON L9  
L23 72660 SEA ABB=ON PLU=ON L11  
L24 12 SEA ABB=ON PLU=ON L5 AND L23  
D IALL 1-12